



WASHINGTON STATE DEPARTMENT OF
Natural Resources



Fish Passage Design Engineer
Engineering & General Services Division
Recruitment # 2006-10-6865

AGENCY MISSION AND CHALLENGE:

The mission of the Department of Natural Resources (DNR) is to provide professional, forward-looking stewardship of our state lands, natural resources, and environment. DNR provides leadership under the Commissioner of Public Lands, an elected official, in creating a sustainable future for the State Trust Lands.

At the DNR, we envision a future in which our human and natural environment provides abundant and diverse social, ecological, and economic benefits for the people of Washington, in this and all future generations. In acting to ensure the vision, we ensure sustainability.

DNR manages over 5 million acres of state-owned land that includes forest, range, commercial, agricultural and aquatic lands. Since 1970 DNR-managed lands have generated \$6 billion that support public schools, state institutions and county services. These lands also provide public benefits that include fish and wildlife habitat, clean and abundant water and public access to outdoor recreation. The DNR operates with a biennial budget of approximately \$400 million and has over 1300 employees. For more information about the department, see the DNR website at www.dnr.wa.gov

Job Classification:	Natural Resource Engineer 2 (NRE 2) This position may be offered as "in-training" from the NRE 1 level.
Type of Position:	This is a permanent position. This position is represented by the WPEA. Once appointed to this position, the incumbent will be required to pay union dues or other representation fee within the first 30 days of employment.
Monthly Salary Range:	NRE 2 - \$3,450 - \$4,421; NRE 1- \$3,052 - \$3,908
Benefits Package:	Health and Dental Insurance, Retirement Pension, Vacation, Sick Leave and Holidays
Posting Date:	October 4, 2006
Closing Date:	October 18, 2006
Location:	Olympia, WA

JOB PROFILE

Under the supervision of the Lead Fish Passage Design Engineer, this position is responsible for the design, contract preparation, and compliance of assigned fish blockages.

Duties Include:

- Performs site survey on assigned fish barriers and designs crossings incorporating Forest Practices Rules, Dept. of Fish and Wildlife regulations, and other applicable regulations and policies.
- Prepares appropriate documents and permits and facilitates site visits with regulatory personnel when needed.
- Prepares plans and specifications for culvert and bridge installations.
- Responsible for administration, inspection, and compliance of public works contracts.
- Attendance at various meetings and trainings.

REQUIRED POSITION QUALIFICATIONS

- Knowledge of hydraulic structure design.
- Knowledge of forest practice standards, laws and rights of way.
- Knowledge of contract administration and compliance.
- Proficient in basic survey procedures and use of equipment to collect and process field data for design, construction, and costing of engineering projects.
- Ability to prepare detailed and accurate descriptions, contracts, cost sheets, etc. for engineering projects.
- Strong written and verbal communication skills.
- Ability to work well in a team environment.

DESIRED POSITION QUALIFICATIONS

- Experience using engineering software such as AutoCAD, ArcGIS, TraversePC, and RoadENG.
- Experience surveying with total stations and auto-levels.
- Knowledge and understanding of field data collection, drafting, design, and installation of fish passage structures.

SPECIAL REQUIREMENTS

- Valid driver's license and two years of driving experience.
- Must be at least 18 years of age at time of hire.

WORKING CONDITIONS

- A portion of work is performed in remote forest environments. Must be able to traverse uneven terrain in all weather conditions.
- May be directed to work overtime hours during fire season.
- Position requires about 20% travel to remote field work sites, as well as overnight stays.
- Position will utilize an agency owned vehicle when traveling to and from the field, and will also utilize agency radio equipment and cell phone, laser rangefinder, theodolite, GPS, topographic maps, aerial photos, compass, clinometer, and chain. Field duties also require occasional use of hand and motor-driven cutting equipment such as axes, saws, and chainsaws.
- While in the field, may come into occasional contact with motor fuels and lubricants.
- Position has regular contact with external customers and stakeholders including contractors, small forest land owners, and other governmental representatives.

APPLICATION PROCESS

To be considered for this position please submit:

- A letter of interest describing your qualifications as they relate to the position.
- A completed application – www.dnr.wa.gov/jobs/stateapp.doc

The first screening will be based on information contained in your letter of interest and your state application.

Submit all materials by the closing date to:

E-mail (preferred method)

dnrrecruiting@wadnr.gov

Or other method

Roberta Searles
Department of Natural Resources
PO Box 47033
Olympia, WA 98504-7033

NOTE: Please indicate **Fish Passage Design Engineer & recruitment #2006-10-6865** in the subject line of your e-mail.

By submitting the application materials you are indicating that all information is true and correct to the best of your knowledge. You understand that the state may verify information and that untruthful or misleading information is cause for removal from applicant pool or dismissal if employed.

Questions? Please contact Jason Mettler at 360.902.1215 or e-mail us at DNRrecruiting@wadnr.gov.

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